



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov

JB Pritzker, Governor

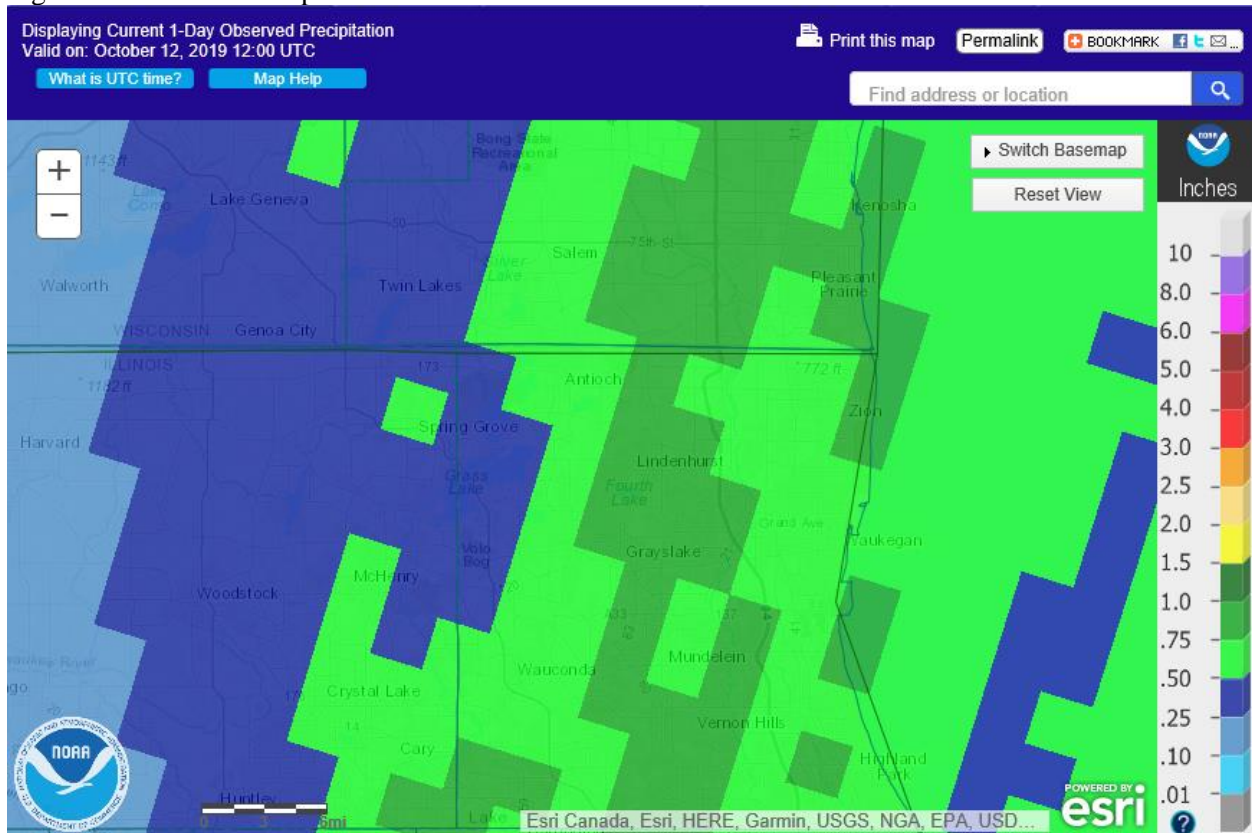
Colleen Callahan, Director

Fox River Status Update October 12, 2019

Current Conditions

Fox River watershed received $\frac{1}{4}$ " to $\frac{3}{4}$ " of precipitation within the last 24 hours as shown on Figure 1. McHenry, IL (Stratton Lock and Dam) received 0.61 in of precipitation. Measured inflows on the Fox River near New Munster, WI are 2680 cfs and steady; flows on Nippersink Creek near Spring Grove are 698 cfs and steady. The Fox Lake stage is 6.2 ft and the Stratton Dam Tailwater stage is 5.7 ft. The Fox River at the Algonquin Dam Tailwater stage is 10.53 ft.

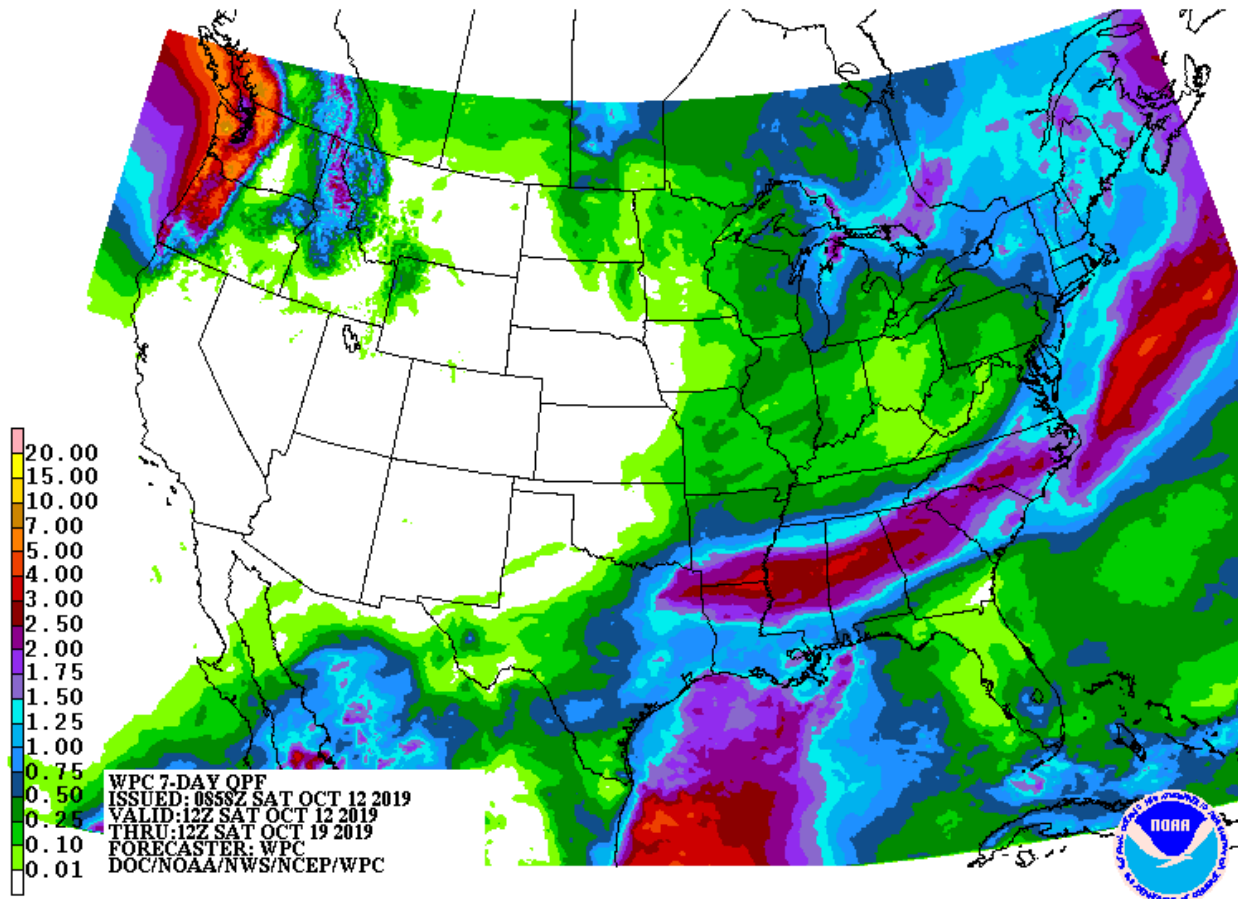
Figure 1: Observed Precipitation



Forecast

The National Weather Service (NWS) is predicting 0.1” to ½” of precipitation for the next 7 days in the Fox River watershed as shown on Figure 2. The NWS is forecasting that the Fox River near New Munster, WI may crest at a stage of 11.8 ft on October 13 and may drop below flood stage on October 16. The NWS is forecasting that the Fox River at Algonquin Tailwater may drop below flood stage on October 19.

Figure 2: Forecasted Precipitation for the Next 7 days



System Conditions and Operations

All gates at Stratton Dam and Algonquin Dam are completely opened to move as much flow as possible. The stage levels at the Fox Lake and the Stratton Dam Tailwater are expected to slowly start receding.

Munib Ahmad, P.E.

Office of Water Resources

Illinois Department of Natural Resources

<https://www.dnr.illinois.gov/WaterResources/Pages/StrattonLockandDam.aspx>